

1. (Currently amended) A process for recovering a solid adduct of a bis(4-hydroxyaryl)alkane and a phenolic compound from a suspension comprising the adduct, wherein the process comprises the steps of

- a) supplying the suspension to a rotary filter,
- b) filtering the supplied suspension in the rotary filter to retain adduct as an adduct cake,
- c) pre-drying the adduct cake with an inert gas,
- d) washing the pre-dried adduct cake,
- e) ~~optionally~~ with or without drying of the washed adduct cake, and
- f) discharging the washed adduct cake from the rotary filter.

2. (Original) The process of Claim 1 wherein the process is carried out in a rotary pressure filter.

3. (Currently amended) The process of Claim 1 ~~or Claim 2~~ wherein the rotary filter comprises several filtration cells ~~(6)~~.

4. (Currently amended) The process of ~~any one of Claims 1 to 3~~ Claim 1 wherein the rotary filter comprises a rotary drum ~~(13)~~ comprising a suspension feed zone ~~(1)~~, a pre-drying zone ~~(2)~~, a first wash zone ~~(3a)~~, an intermediate drying zone ~~(4)~~, a second wash zone ~~(3b)~~, a drying zone ~~(5)~~, and a discharge zone ~~(15)~~.

5. (Currently amended) The process of ~~any one of Claims 1 to 4~~ Claim 1 wherein the suspension is fed into the rotary filter by means of static descending force.

6. (Currently amended) The process of ~~any one of Claims 1 to 5~~ Claim 1 wherein the adduct cake is pre-dried with nitrogen at a pressure of from 0.2 to 6 bar above atmospheric.

7. (Currently amended) The process of ~~any one of Claims 1 to 6~~ Claim 1 wherein the pre-dried adduct cake is first washed with a mixture of phenol, acetone and water and then with phenol.

8. (Currently amended) The process of ~~any one of Claims 1 to 6~~ Claim 1 wherein the pre-dried adduct cake is washed with phenol.

9. (Currently amended) The process of ~~any one of Claims 1 to 8~~ Claim 1 wherein in step d) the pre-dried adduct cake is washed in two stages with an intermediate drying step, in step e) the washed adduct cake is dried, and in step f) the washed and dried adduct cake is discharged from the rotary filter.

10. (Currently amended) The process of ~~any one of Claims 1 to 9~~ Claim 1 wherein the suspension comprising the adduct results from the reaction of a stoichiometric excess of a phenolic compound with a carbonyl compound in the presence of an acidic cation exchange resin as a catalyst and treatment of the resulting product mixture in a crystallization device.

11. (Currently amended) The process of ~~any one of Claims 1 to 10~~ Claim 1 wherein an adduct of bisphenol-A and phenol is recovered.

12. (Canceled)

13. (Currently amended) A process for recovering a bis(4-hydroxyaryl)alkane wherein the adduct recovered according to the process of ~~any one of claims 1 to 11~~ Claim 1 is melted and the phenolic compound is distilled off.

14. (Canceled)

15. (New) The process of Claim 2 wherein the rotary filter comprises several filtration cells.

16. (New) The process of Claim 15 wherein the rotary filter comprises a rotary drum comprising a suspension feed zone, a pre-drying zone, a first wash zone, an intermediate drying zone, a second wash zone, a drying zone, and a discharge zone.

17. (New) The process of Claim 16 wherein the adduct cake is pre-dried with nitrogen at a pressure of from 0.2 to 6 bar above atmospheric.

18. (New) The process of Claim 17 wherein the pre-dried adduct cake is first washed with a mixture of phenol, acetone and water and then with phenol.

19. (New) The process of Claim 17 wherein the pre-dried adduct cake is washed with phenol.

20. (New) The process of Claim 17 wherein  
in step d) the pre-dried adduct cake is washed in two stages with an intermediate drying step,  
in step e) the washed adduct cake is dried, and  
in step f) the washed and dried adduct cake is discharged from the rotary filter.

21. (New) The process of Claim 17 wherein the suspension comprising the adduct results from the reaction of a stoichiometric excess of a phenolic compound with a carbonyl compound in the presence of an acidic cation exchange resin as a catalyst and treatment of the resulting product mixture in a crystallization device.

22. (New) The process of Claim 17 wherein an adduct of bisphenol-A and phenol is recovered.